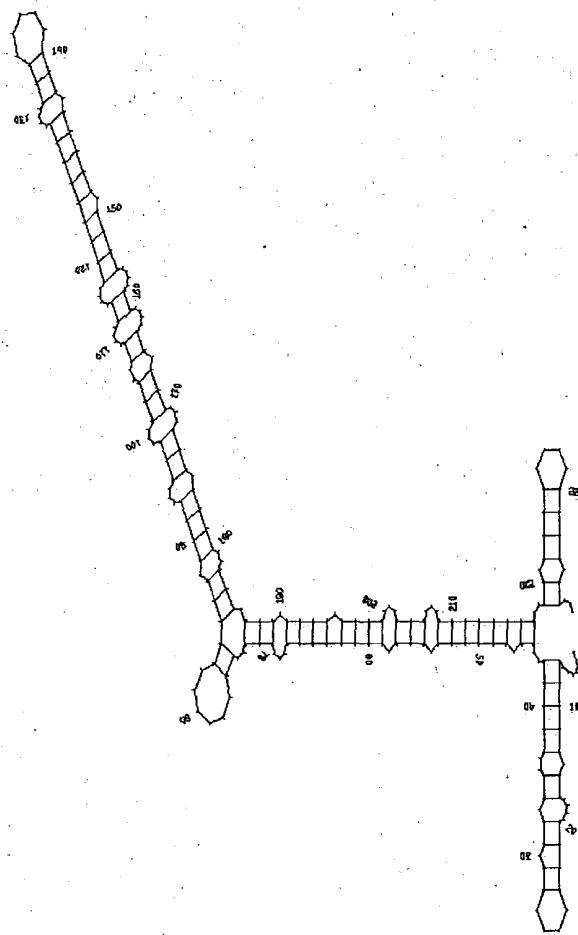


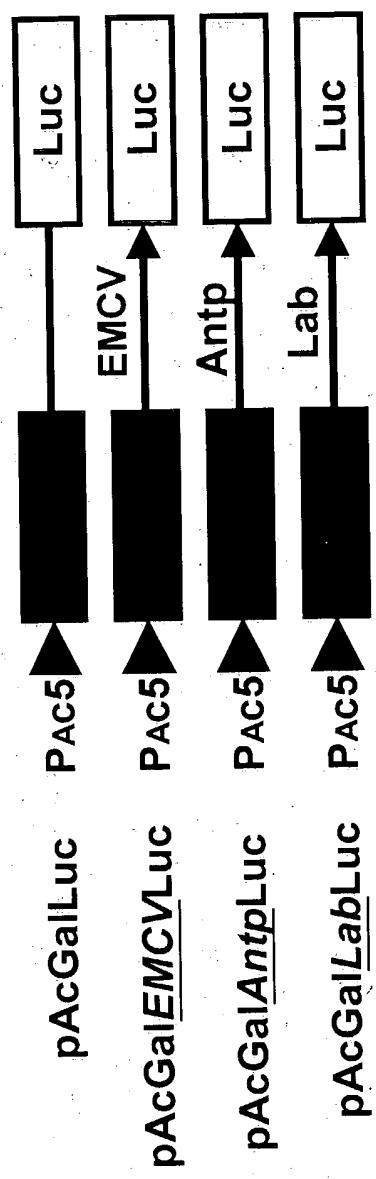
1A. Lab 5'UTR

1 atcagtcacg acttggtaag cgcaggca ggacgtcgtc gtcgtcatcg
51 ccaacggag tcgtgtttt cggttcgata cagataaaac ccacgtcgat
101 agccctcgac cgtcggtaa tattcttaga aagcaaacag ctaaagaact
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201 tatcggagtg gcgagaaagt gtggttccgg ctggacaat

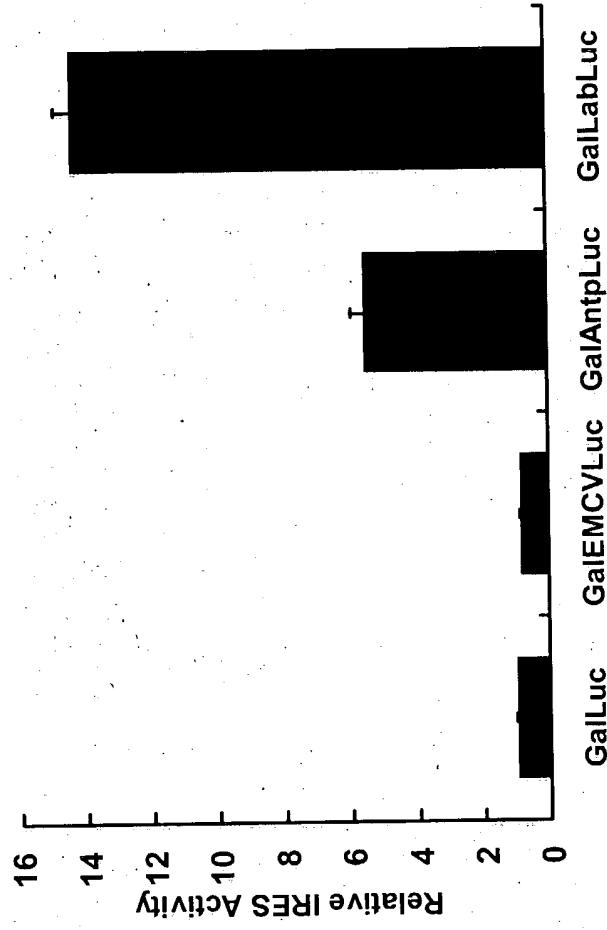
1B. Secondary Structure (Y-shape)



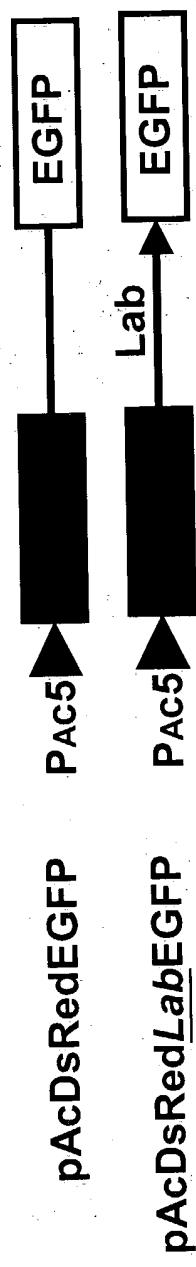
2A



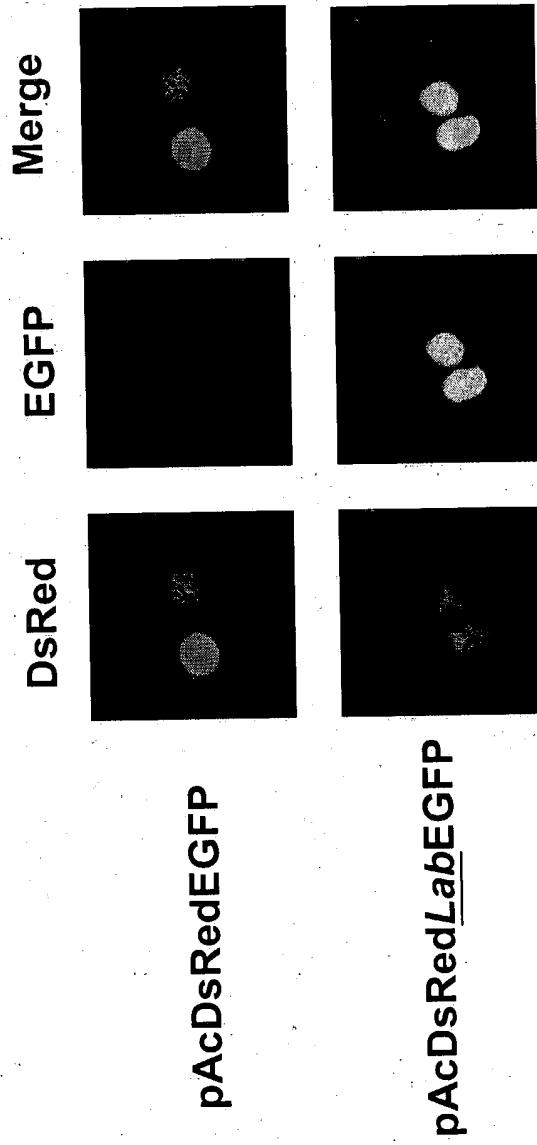
2B



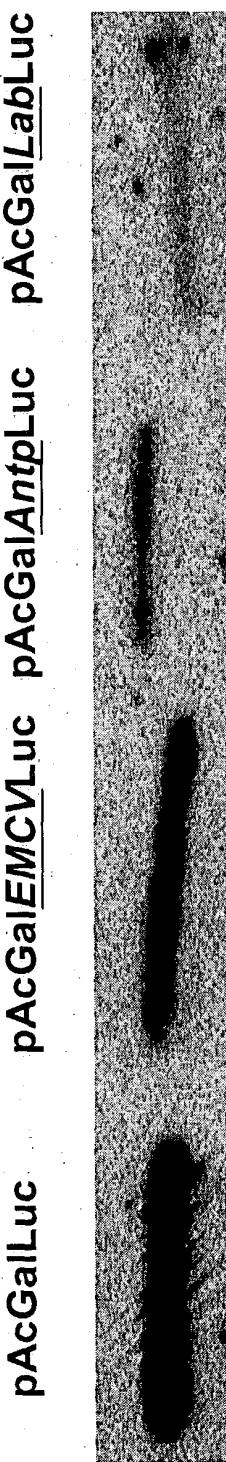
2C



2D

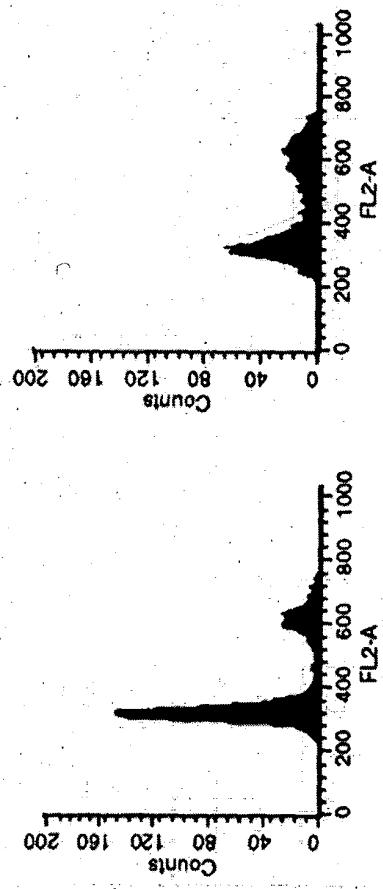


2E

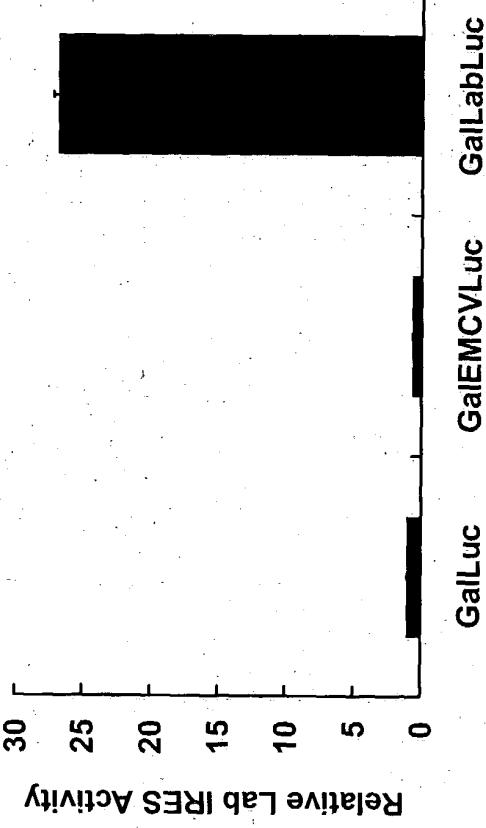


2F

Kc + colcemid

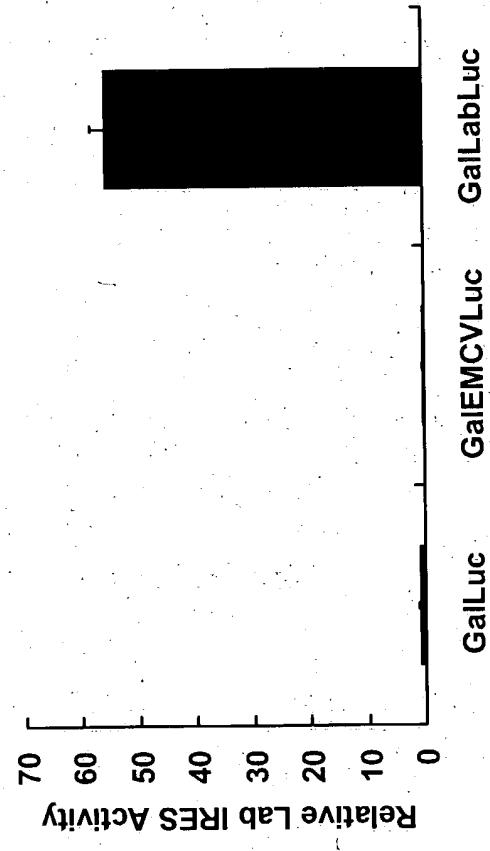
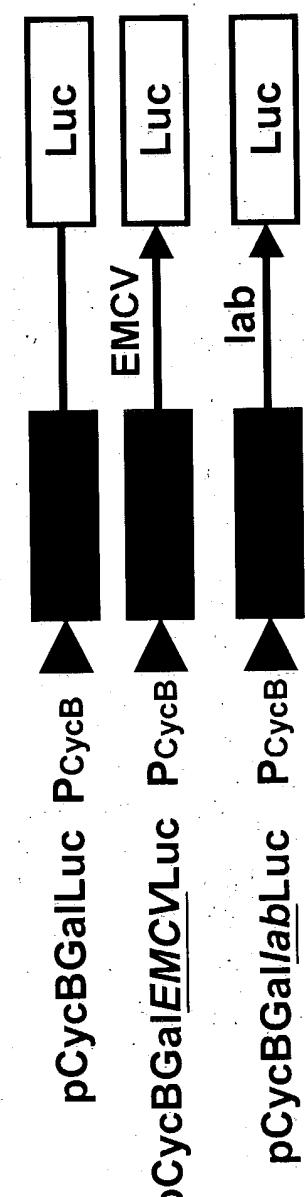


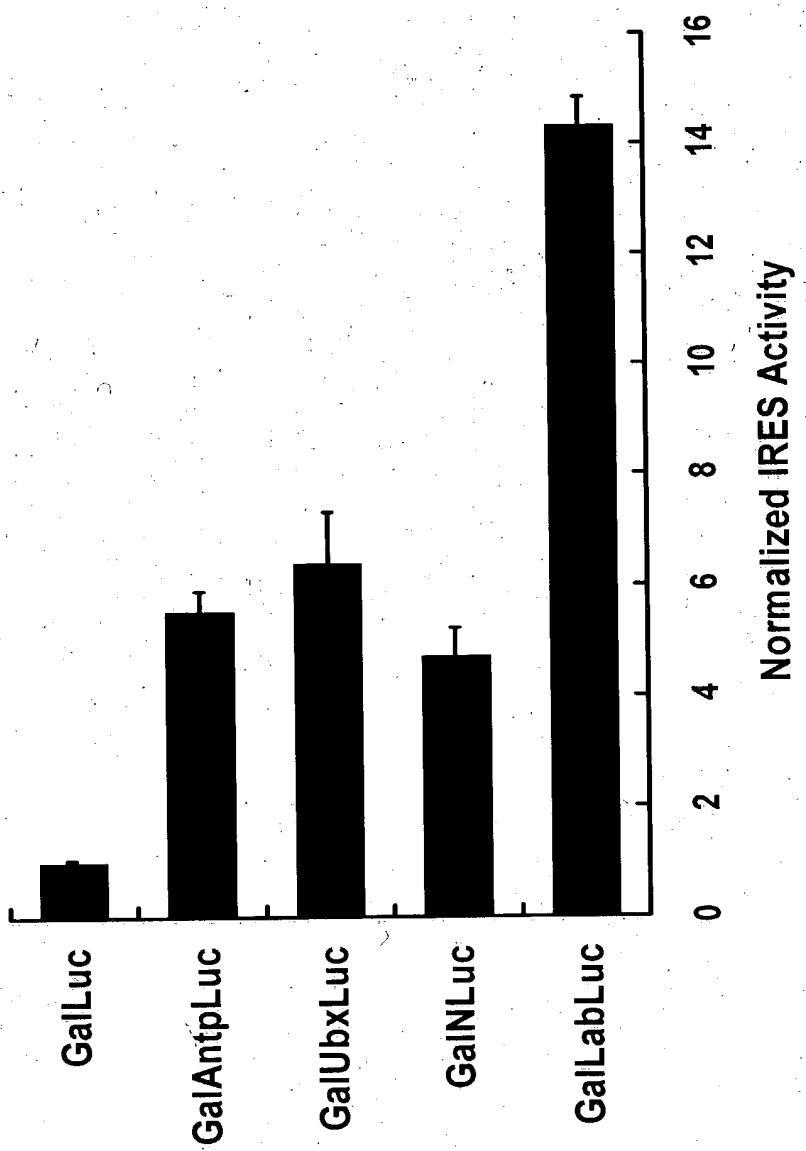
2G



GallLuc GalEMCVLuc GalLabLuc

GallLabLuc

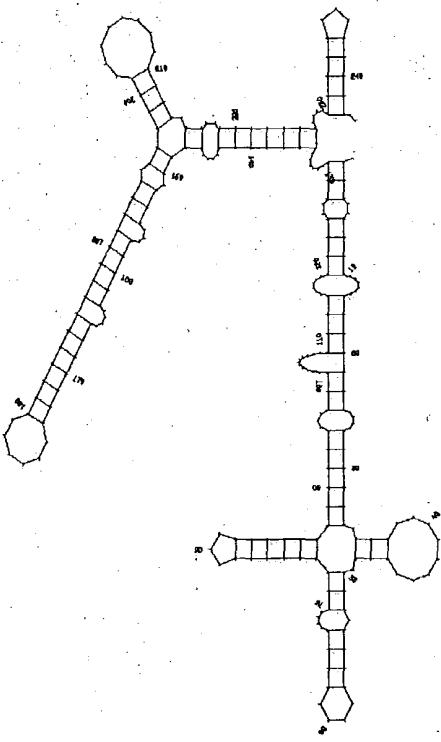




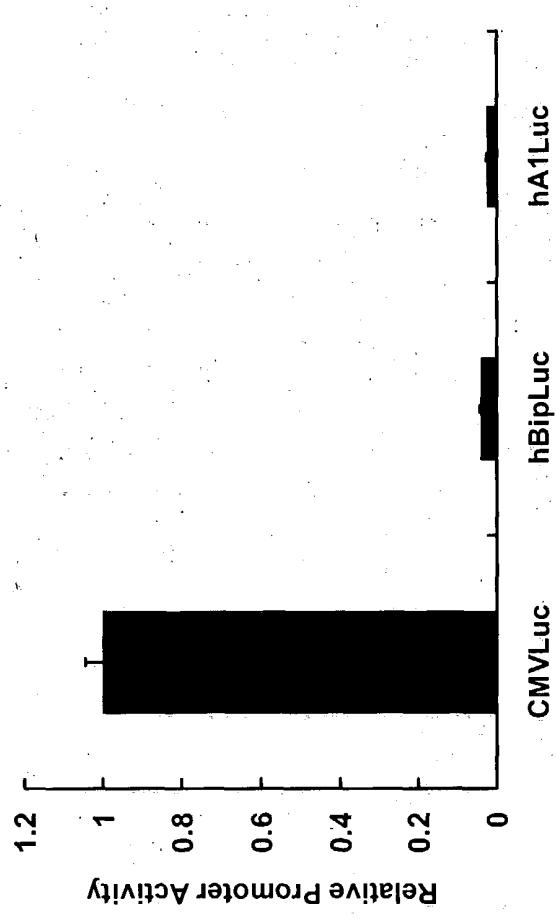
4A. Homeobox A1 5'UTR

| | | |
|-----------|---|---|
| Lab 5'UTR | ATCGAGCACGACTGGT----- | AAGGGGCGAGGCCACCTGGTC-GTCCAT-GC |
| A1 5'UTR | AGCCCGGGGATTAAATGCCACTA----- | ACTGGCAAGGCCAACT |
| Consensus | A-C-a-t-a-GACTGG----- | A-CAC-A-C-C- |
| Lab 5'UTR | GGAAACGGGAGTCGGTTTGGGTCGATACGATATA----- | CCCAGGTGGATAGCCCTCG |
| A1 5'UTR | TTTGGGGAGGGCTCAAGGGTTGCT----- | CTGGCGGCTCC |
| Consensus | cc-a-cggggag-c-tg-tt-TGGG----- | CCC-C-TC-A-GCCCTC- |
| Lab 5'UTR | GGCGCTGGCTTAATTCCTTGAAAGGAACTAT----- | TCAAGAAGTC |
| A1 5'UTR | CCCGTCGGCCCTCCCTCTCTCT----- | CCCGGGCCCA |
| Consensus | ACCA-TG-CGT-----t-t-TCTTA-A-ACA-CTA-A-TC-TG----- | TTCTCCGGGGCA |
| Lab 5'UTR | TGTGGCCAAAGTGA-AGCGCTTGATACGTCGGGTATATCGGAGGTTGGCGGAGAAAGTGT----- | TGCGAG-GACCRG-----GT |
| A1 5'UTR | GGAGGAGGTGAGRAGTGGCAAGTCACGGGGGT----- | GGT-GAAGGT-G-TA-G-TACECCCCG-T-----TGC-AG-GGC-A-G-----GT |
| Consensus | TG-GG-AAGTGA-AAGGT-----G-TA----- | |
| Lab 5'UTR | GTTTCGCGCTGGACAA----- | |
| A1 5'UTR | CTTCAG----- | |
| Consensus | TGTTCA-G-----CACAA | |

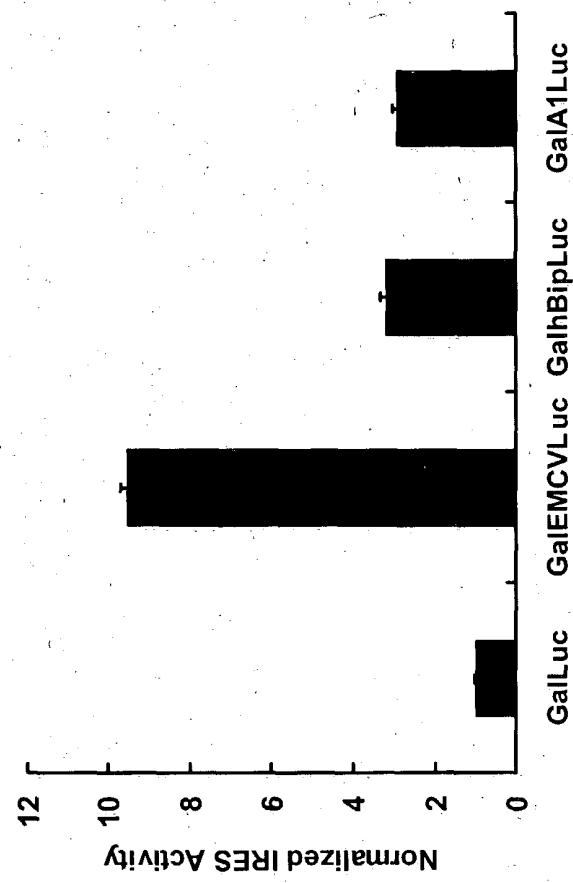
4B. Secondary Structure



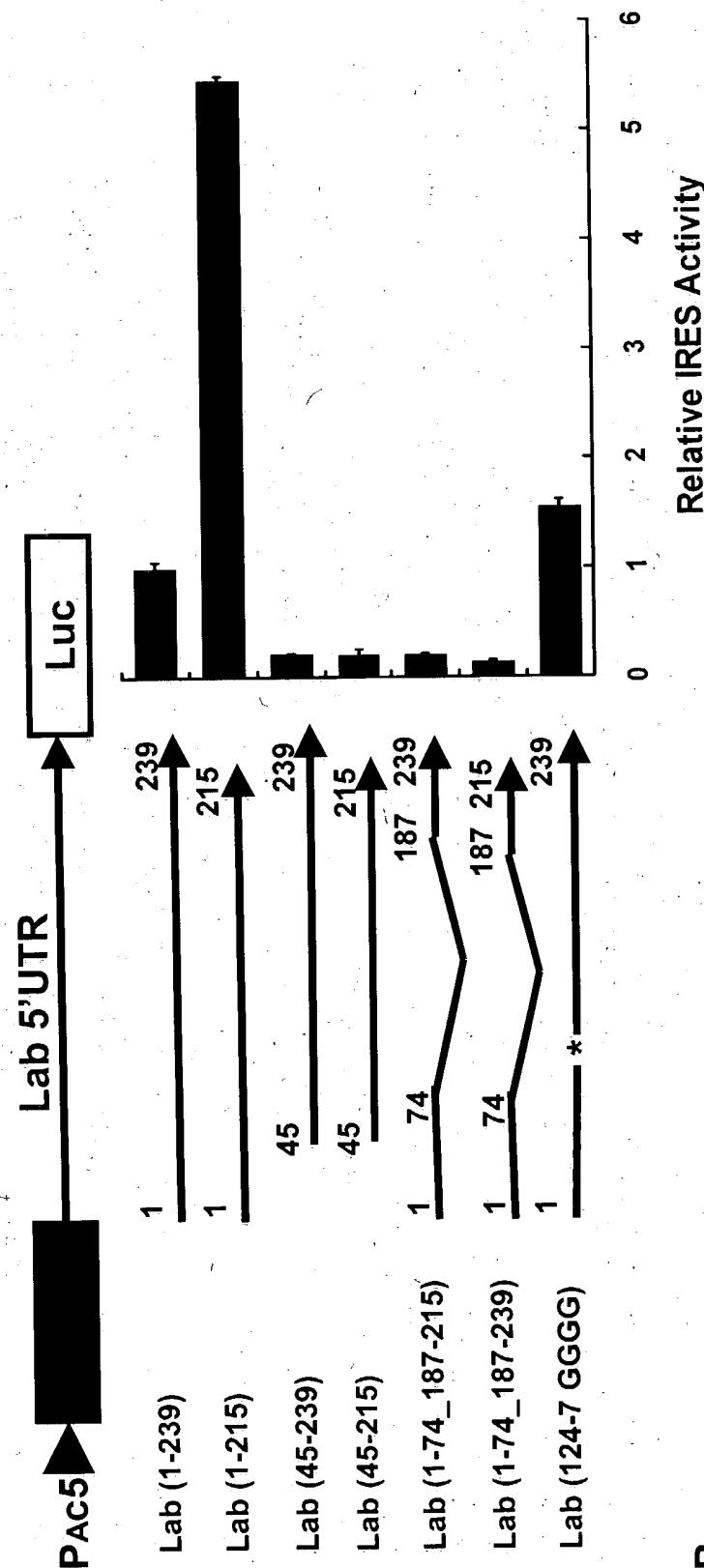
5A



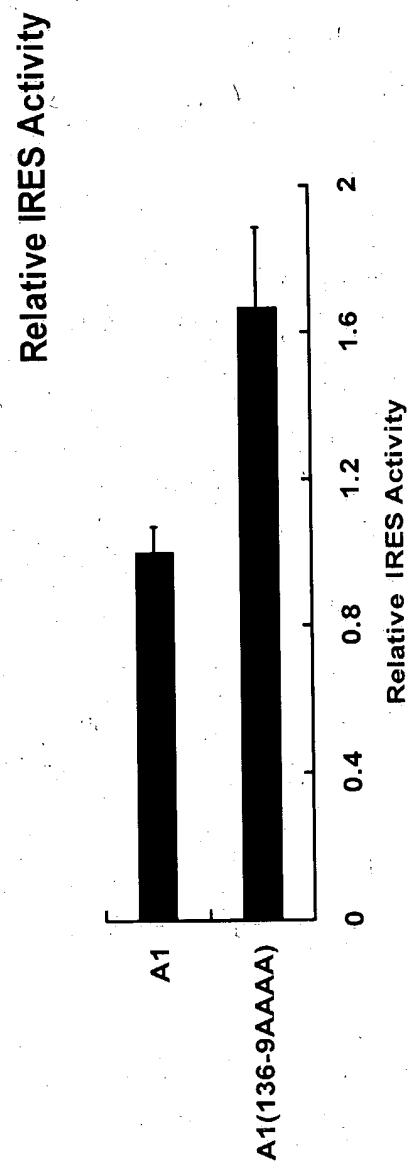
5B

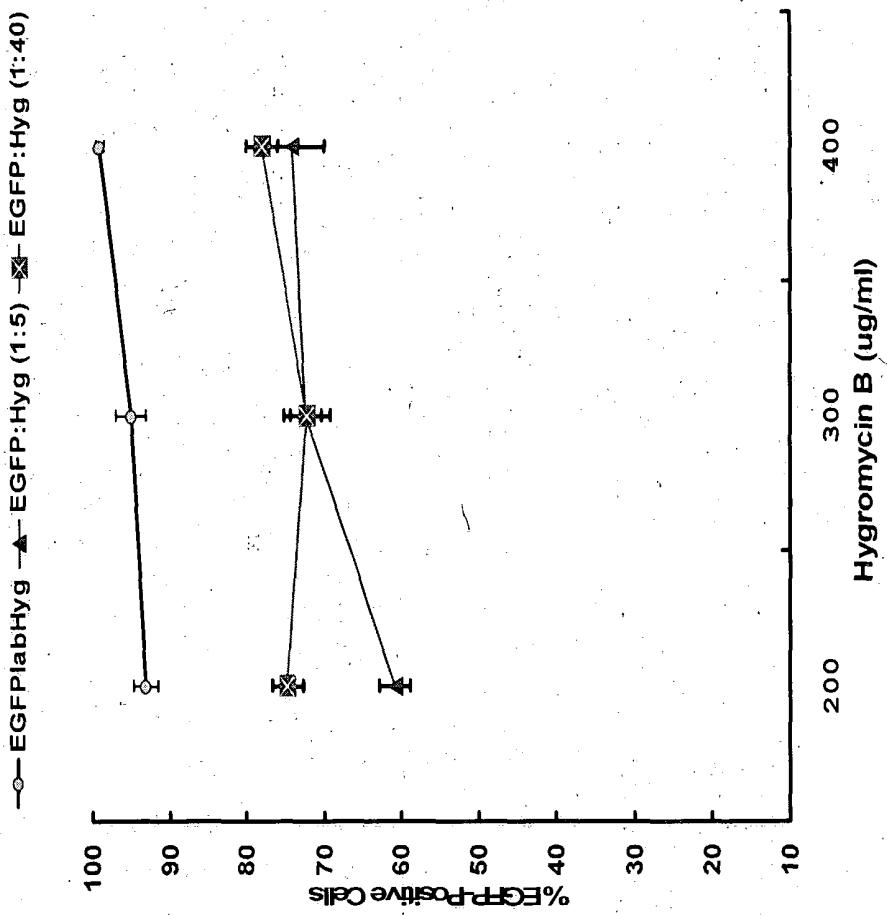
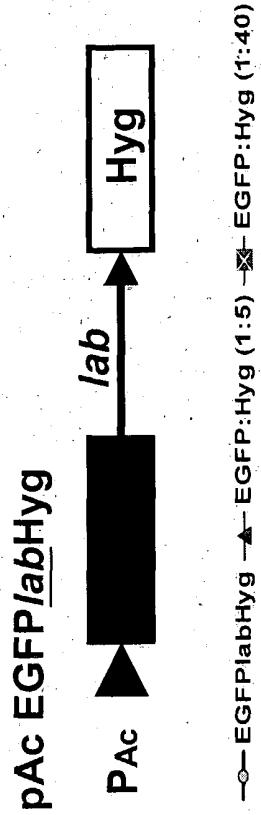


6A

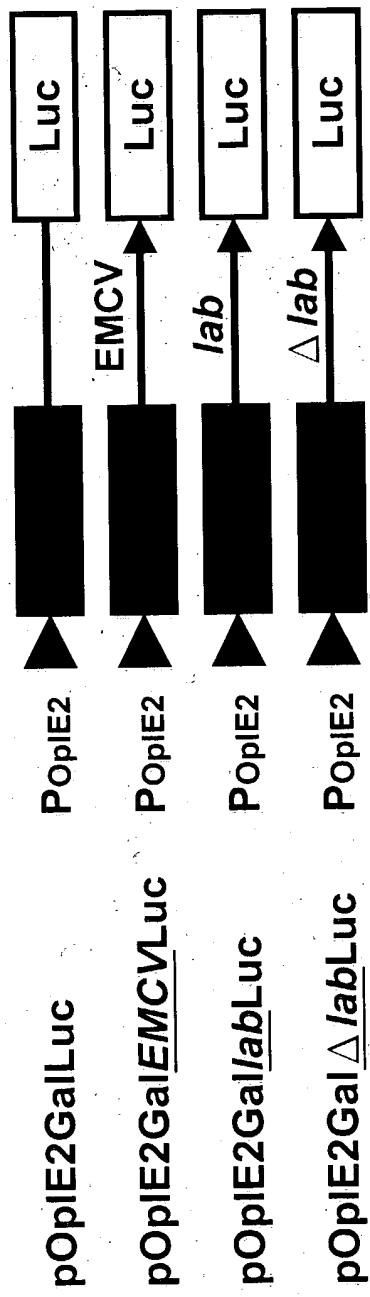


6B

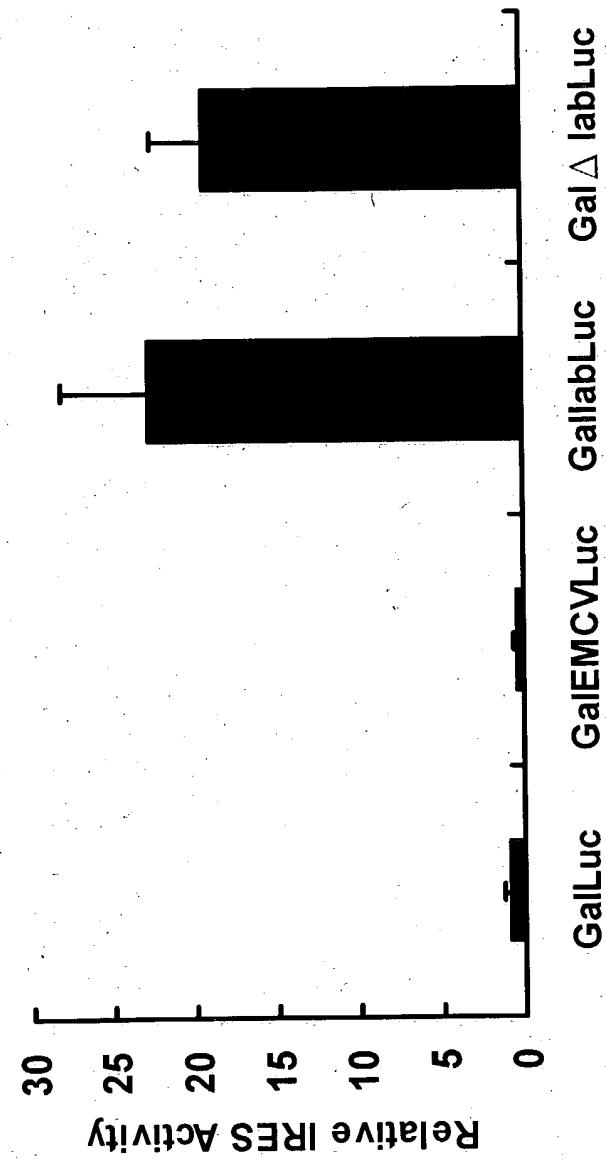




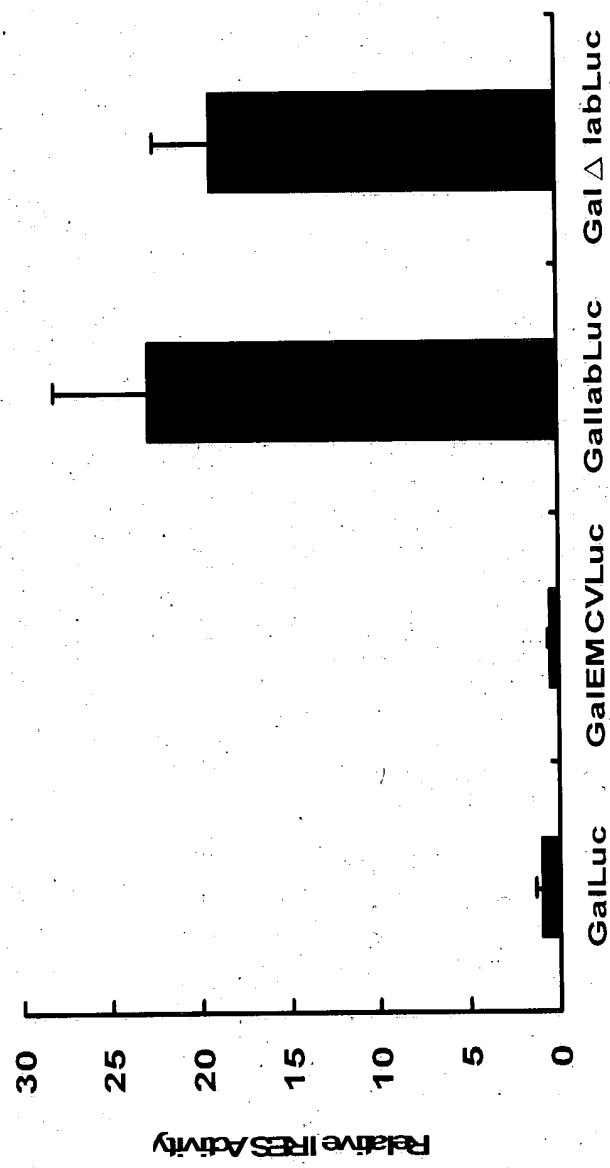
8A



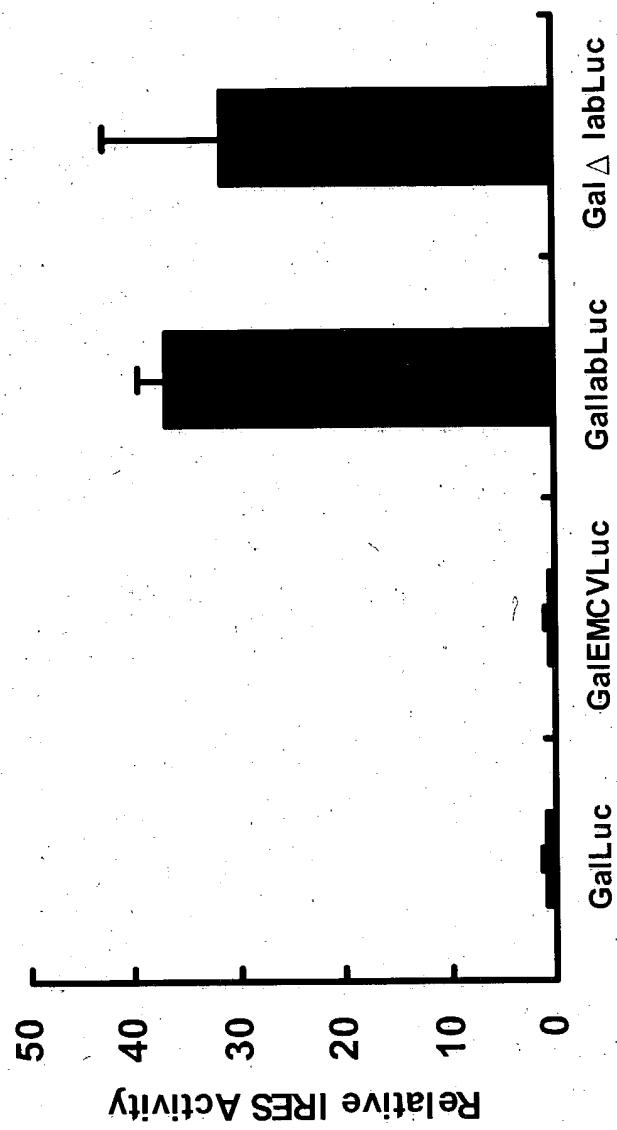
8B



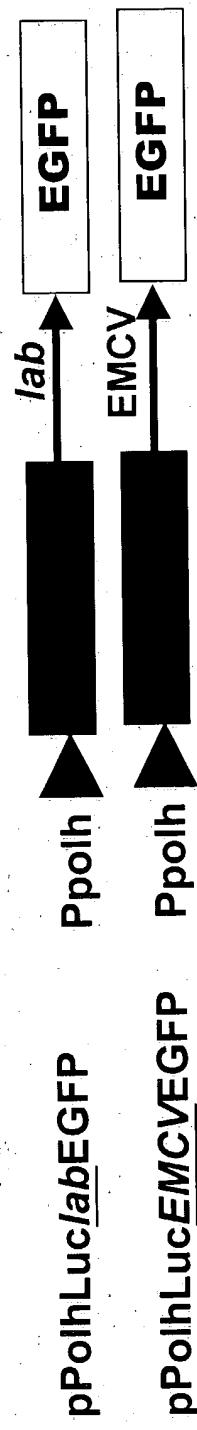
8C



8D



9A



9B

